System Design Document

1 Introduction

1.1 Purpose and Scope

This section provides a brief description of the Systems Design Document's purpose and scope.

1.2 Project Executive Summary

This section provides a description of the project from a management perspective and an overview of the framework within which the conceptual system design was prepared. If appropriate, include the information discussed in the subsequent sections in the summary.

1.2.1 System Overview

This section describes the system in narrative form using non-technical terms. It should provide a high-level system architecture diagram showing a subsystem breakout of the system, if applicable. The high-level system architecture or subsystem diagrams should, if applicable, show interfaces to external systems. Supply a high-level context diagram for the system and subsystems, if applicable.

1.2.2 Design Constraints

This section describes any constraints in the system design (reference any trade-off analyses conducted such, as resource use versus productivity, or conflicts with other systems) and includes any assumptions made by the project team in developing the system design.

1.2.3 Future Contingencies

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1.3 Document Organization

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1.4 Points of Contact

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1.5 Project References

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1.6 Glossary

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2 System Architecture

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2.1 System Hardware Architecture

Test

2.2 System Software Architecture

Test

2.3 Internal Communications Architecture

Test

3 File and Database Design

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3.1 Database Management System Files

Test

3.2 Non-Database Management System Files

Test

4 Human-Machine Interface

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4.1 Operational Scenario(s)

Test

4.2 Inputs

Test

4.3 Outputs

Test

5 Detailed Design

Test

5.1 Hardware Detailed Design

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5.2 Software Detailed Desgin

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5.3 Internal Communications Detailed Design

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6 External Interfaces

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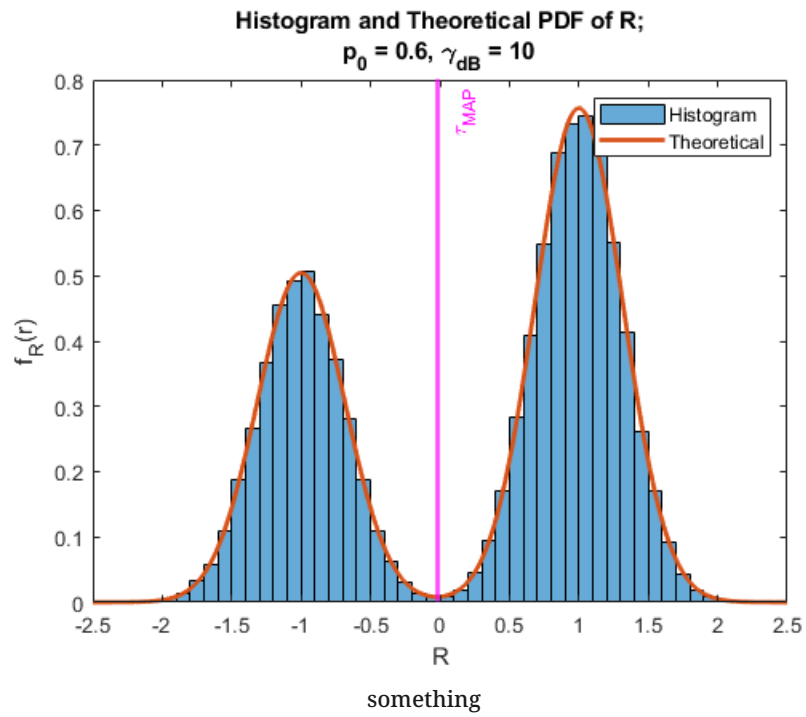## 6.1 Interface Architecture

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6.2 Interface Detailed Design

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7 System Integrity Controls

The system does not use any information that could affect the conduct of state programs or the privacy to which individuals are entitled. Thus, this section is not applicable.

8 Appendices

9 Test

9.1 Test with vanilla md image

something

9.2 Test of raw html figure

Figure 1: A festive guy